**Biogeosciences
Discussions**

Interactive
Comment

Interactive comment on **"Methylated arsenic and antimony species in suspended matter of the river Ruhr, Germany"** *by* **L. Duester et al.**

L. Duester et al.

Received and published: 20 May 2008

Thank you for the constructive and prompt comments on our submitted paper. We are very pleased with the reviewer s positive remarks and the appreciation of this paper.

We agree with the specific reviewer comments and we will add a map with the precise sampling location.

The particle characterization is a problem: The sample material was sampled and divided into two sub-samples by the Ruhrverband. The bigger part of the portioned samples was used for by the Ruhrverband to monitor the water quality, e.g. industrial organic contaminant analyses. The remaining portion (approx few grams) was delivered to us and was completely used for the total and species content determination. We are however, currently trying to source the requested information concerning the

Full Screen / Esc

Printer-friendly Version

Interactive Discussion

Discussion Paper

particle characterization from our co-operation partner and hope to be able to add this information by the end of the open discussion period.

Page 1363, line 17: We agree. The sentence will be changed to: ..may be transported from soils in true sediment pore water solution or as colloid fraction.

Page 1366, line 4: We agree. The sentence will be changed to: Silicate associated arsenic and antimony minerals are extremely rare in the environment. Thank you especially for this hint.

Page 1367, line 11 and page 1375, line 1; typos corrected.

Interactive comment on Biogeosciences Discuss., 5, 1361, 2008.

Full Screen / Esc

Printer-friendly Version

Interactive Discussion

Discussion Paper